

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/06763

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/82 A01H5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N A01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, MEDLINE, SEQUENCE SEARCH, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 31027 A (HARKER MARK ; HOLMBERG NIKLAS (GB); SAFFORD RICHARD (GB); UNILEVER) 3 May 2001 (2001-05-03) cited in the application claims 25-27	12, 13, 17-23
X	WO 02 42477 A (HARKER MARK ; HOLMBERG NIKLAS (GB); SAFFORD DICK (GB); UNILEVER PLC) 30 May 2002 (2002-05-30) cited in the application examples 4-6, 8	12, 13, 17-23
Y	the whole document	1-11, 14-16, 24, 25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

12 November 2003

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25/11/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DARNET S ET AL: "Functional identification of sterol-4alpha-methyl oxidase cDNAs from Arabidopsis thaliana by complementation of a yeast erg25 mutant lacking sterol-4alpha-methyl oxidation" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 508, no. 1, 9 November 2001 (2001-11-09), pages 39-43, XP004322273 ISSN: 0014-5793 the whole document	1-11, 14-16, 24,25
A	--- BARD M ET AL: "Cloning and characterization of ERG25, the Saccharomyces cerevisiae gene encoding C-4 sterol methyl oxidase." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 93, no. 1, 1996, pages 186-190, XP002214301 1996 ISSN: 0027-8424 cited in the application the whole document	1-25
A	--- PASCAL SOPHIE ET AL: "Plant sterol biosynthesis: Identification and characterization of two distinct microsomal oxidative enzymatic systems involved in sterol C4-demethylation." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 268, no. 16, 1993, pages 11639-11654, XP002214302 ISSN: 0021-9258 cited in the application the whole document	1-25
A	--- WO 98 45457 A (MONSANTO CO) 15 October 1998 (1998-10-15) cited in the application the whole document -----	1-25

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0131027	A	03-05-2001	AU 1019501 A	08-05-2001
			BR 0014934 A	18-06-2002
			CA 2389084 A1	03-05-2001
			WO 0131027 A1	03-05-2001
			EP 1224293 A1	24-07-2002
WO 0242477	A	30-05-2002	AU 1404802 A	03-06-2002
			WO 0242477 A2	30-05-2002
			EP 1335985 A2	20-08-2003
WO 9845457	A	15-10-1998	AU 724046 B2	07-09-2000
			AU 5709998 A	30-10-1998
			BR 9714439 A	21-03-2000
			CN 1247569 A	15-03-2000
			EP 0958370 A1	24-11-1999
			WO 9845457 A1	15-10-1998
			US 2002148006 A1	10-10-2002